

**Anti-POLG antibody (540-720) (STJ110749)**  
STJ110749

**GENERAL INFORMATION**

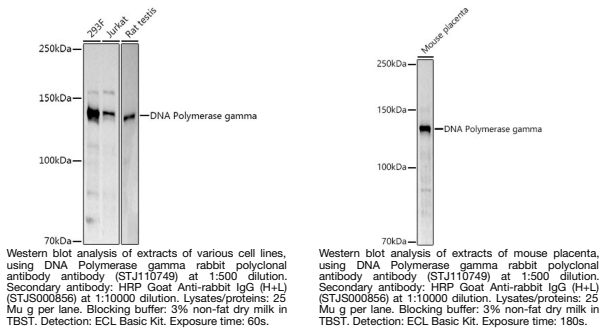
|                          |                    |
|--------------------------|--------------------|
| <b>Product Type</b>      | Primary antibodies |
| <b>Short Description</b> |                    |
| <b>Applications</b>      | WB/ELISA           |
| <b>Host/Source</b>       | Rabbit             |
| <b>Reactivity</b>        | Human/Mouse/Rat    |

**PRODUCT PROPERTIES**

|                      |                                                                                                                                     |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>     | Polyclonal                                                                                                                          |
| <b>Clone ID</b>      |                                                                                                                                     |
| <b>Concentration</b> | Lot specific                                                                                                                        |
| <b>Conjugation</b>   | Unconjugated                                                                                                                        |
| <b>Purification</b>  | Affinity purification                                                                                                               |
| <b>Dilution</b>      | WB:1:100-1:500                                                                                                                      |
| <b>Range</b>         | ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>   | PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.                                                                                    |
| <b>Isotype</b>       | IgG                                                                                                                                 |
| <b>Storage</b>       | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                      |
| <b>Instruction</b>   |                                                                                                                                     |

**TARGET INFORMATION**

|                           |                                                                                                                                                                                            |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 5428                                                                                                                                                                                       |
| <b>Gene Symbol</b>        | POLG                                                                                                                                                                                       |
| <b>Uniprot ID</b>         | DPOG1_HUMAN                                                                                                                                                                                |
| <b>Immunogen</b>          |                                                                                                                                                                                            |
| <b>Immunogen Region</b>   | 540-720                                                                                                                                                                                    |
| <b>Specificity</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 540-720 of human DNA Polymerase gamma (NP_002684.1).                                                         |
| <b>Immunogen Sequence</b> | QQDVMARACLQKLKGTTELL PKRPQHLPGHGWPYRKLCPR LDDPAWTPGPSLLSLQMRVT PKLMALTWDGFLHYSERHG WGYLVPGRRDNLAKLPTGTT LESAGVVCYRAIESLYRKH CLEQKQQLMPQEAGLAEEF LLTNSAIWQTVEELDYLEV EAEAKMENLRAAVPGQPLAL T |



This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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